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PPC-2153 Rugged 15" Panel PC

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PPC-2153 Panel Front View
PPC-2153 IO View

15” Rugged Fanless Touch Panel Computer With Onboard Intel® Atom™ D2550 Processor, 2 GB RAM

Intel® Atom™ D2550 Processor, Fanless Cooling System

up to 4 GB RAM

2x RS-232, 1x RS-232/422/485

4x USB 2.0 Ports (2 Front & 2 on Rear)

2x 10/100/1000Base-TX with RJ-45

2.5 Inch SATA Hard Disk Drive / CFast™ Slot (Internal)

1x VGA

Display type: 15" TFT-LCD

Max. Resolution: 1024 x 768

Max. Colors: 16.7M colors

Luminance: HTT: 400 cd/m2, STT: 800 cd/m2

Viewing Angle: 160°(H)/ 140°(V)

Back Light: LED

Back Light: MTBF (Hours) HTT: 50,000, STT: 100,000

Type: 5-wire resistive Touch Screen

Light Transmission: 80%

Life Time: 10 Million Touches

1x Mini-Card

AMI BIOS

Power Requirements: 9 ~ 30V DC Input

Operating Temperature: -4°F ~ 149°F (-20°C ~ 65°C) w/ Airflow, -4°F ~ 140°F (-20°C ~ 60°C) w/o Airflow

Storage Humidity: 10%~95% @ 40°C; non-condensing

Wide Operation Temperature: -20?C ~ 60?C

18.96 lb (8.62 Kg)

Dimensions: 15.35” x 12.74” x 3.08” (389.98mm x 323.48mm x 78.3mm)

PPC-2153 operator panel is an Intel® Atom™ D2550 1.86 GHz processor computer that is designed to serve as a human machine interface (HMI). It is a PC-based system with 15" color TFT LCD display, onboard Ethernet controller, multi-COM port interfaces and an audio controller. With a built-in CompactFlash socket, the AHP-2153 is as compact and user friendly as a multi-function computer. In addition, its "fit anywhere" design makes it very flexible and able to be used in many different kinds of installations. It can be VESA 100 wall mounted. For system integrators, this simple, complete, compact and highly integrated system let you easily build an operator panel into your applications. Common industrial applications include factory automation systems, precision machinery, and production process control. It is also suitable for many non-industrial applications, including vending machine, and car park automation. Our operator panel is a reliable, cost-effective solution to your application's processing requirements.

Specifications

Panel PC Type:
Enclosed PPC

Processor

Processor:
Intel® Dual Core™ Atom™ D2550 Onboard
Clock Speed:
1.86 GHz
Real Time Clock:

Memory

BIOS/ Bootloader:
AMI BIOS
Primary Flash:
CFAST
Secondary Flash:
1x 2.5 inch SATA HDD/SSD or DOM

Primary I/O

Video Out:
1x VGA
Ethernet:
2x 10/100/1000Base-TX with RJ-45
USB:
4x USB 2.0 Ports (2 Front & 2 on Rear)
Serial Ports:
2x RS-232
1x RS-232/422/485
Watchdog:

Secondary I/O

LPT Port:
Keypad:
PS/2:
Touch:
5-wire Resistive Touch Screen

Expansion

Bus:
1x Mini-Card

Analog

A/D:
D/A:

Dimensions

Dimensions:
15.35 × 12.74 × 3.08 in
Weight:
18.96 lb
Dimensions Misc.:
Dimensions: 15.35” x 12.74” x 3.08” (389.98mm x 323.48mm x 78.3mm)

Power Requirements

Power Misc.:
9 ~ 30V DC input

Environmental

Low Operating Temperature:
-20 C
High Operating Temperature:
65 C
Upper Operating Humidity:
95%
Environmental Misc.:
Operating Temperature:

-4°F ~ 149°F (-20°C ~ 65°C) w/ Airflow

-4°F ~ 140°F (-20°C ~ 60°C) w/o Airflow

Storage Temperature -4°F ~ 158°F (-20°C ~ 70°C)

Pricing

Product Variations:
PPC-2153HTT-A2-1012
15" Touch Screen PPC D2550.2G RAM,-20~60C, 3 pin.9~30V DC.R-TS.B3
$1,362.00
Order:
0
Parent Product:

PPC-2153STT-A2-1012
15" Touch Screen PPC, 800 nits.D2550.2G RAM,-20~60C.3 pin.9~30V DC.R-TS.B3
$1,841.00
Order:
0
Parent Product:

Disk Interface:
2.5 Inch SATA Hard Disk Drive / CFast™ Slot (Internal)

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